

COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/901,703
FILING DATE: 19920516
CLASSIFICATION: 435
NAME: PITCHER ESO, EDMUND R
REGISTRATION NUMBER: 27 829
REFERENCE/DOCKET NUMBER: STK-057
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/248-7000
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1873 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: MURIDAE
TISSUE TYPE: EMBRYO
FEATURE:
NAME/KEY: CDS
LOCATION: 104..1393
OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
OTHER INFORMATION: /product= "MOP1"
OTHER INFORMATION: /note= "MOP1 (cDNA)"
US-07-901-703-8

Query Match 9.6%; Score 34.2; DB 1; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;

Qy 61 aagggtggaggcatcgactgtggggatctgtggaaacacttgaggaggcaatactgg 120
Db 1435 AAAGGTGGCCCCCAAAGGTAGGGTCTCAGTCAGATAGAGCTG 1376

RESULT 5
PCT-US92-01968-1B/C
Sequence 18, Application PC/TUS9201968
GENERAL INFORMATION:
APPLICANT: OBERMANN, HERMANN
APPLICANT: KUBERASAMPATH, THANGAVEL
APPLICANT: RUEGER, DAVID C
TITLE OF INVENTION: PROTEIN-INDUCED MORPHOGENESIS
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: TESTA, HURWITZ & THIBEAULT
STREET: 53 STATE STREET
CITY: BOSTON
STATE: MA
ZIP: 02109
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/TUS92/01568
FILING DATE: 19920511
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 667,274
 FILING DATE: 11-MAR-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 752,764
 FILING DATE: 30-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: PITCHER ESO, EDMUND R
 REGISTRATION NUMBER: 27,829
 REFERENCE/DOCKET NUMBER: CRP-052PC
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/248-7000
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1873 base Pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: MURIDAE
 TISSUE TYPE: EMBRYO
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 104..1393
 OTHER INFORMATION: /function= "OSTEOPROTEIN"
 OTHER INFORMATION: /product= "MOP1"
 OTHER INFORMATION: /note= "MOP1 (cDNA)"
 PCT-US93-05446-8

Query Match 9.6% Score 34.2; DB 5; Length 1873;
 Best Local Similarity 58.3%; Pred. No. 0.069; Indels 0; Gaps 0;
 Matches 60; Conservative 0; Mismatches 43;

Query Match 9.6% Score 34.2; DB 5; Length 1873;
 Best Local Similarity 58.3%; Pred. No. 0.069; Indels 0; Gaps 0;
 Matches 60; Conservative 0; Mismatches 43;

RESULT 7
 PCT-US93-07190-18/C
 Sequence 18, Application PC/TUS9307190

GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: MORPHOGEN-ENRICHED DIETARY COMPOSITION
 NUMBER OF SEQUENCES: 33
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CREATIVE BIOMOLECULES, INC.
 STREET: 35 SOUTH STREET
 CITY: HOPKINTON
 STATE: MA
 COUNTRY: USA
 ZIP: 01748
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC COMPATIBLE
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/07190
 ATTORNEY/AGENT INFORMATION:
 NAME: KELLEY, ROBIN D.
 REGISTRATION NUMBER: 34,637
 REFERENCE/DOCKET NUMBER: CRP-071
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/248-7000
 TELEFAX: 617/248-7100
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1873 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO

CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: PITCHER ESO, EDMUND R
 REGISTRATION NUMBER: 27,829
 REFERENCE/DOCKET NUMBER: STK-057

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; ORIGINAL SOURCE: ; PCT- OTHER INFORMATION: /note= "MOP1 (CDNA)"
; ORGANISM: MURIDAE
; TISSUE TYPE: EMBRYO
; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: 104..1393 /function= "OSTEOGENIC PROTEIN"
; OTHER INFORMATION: /product= "MOP1"
; OTHER INFORMATION: /note= "MOP1 (CDNA)"
; PCT-US93-07190-18

Query Match 9.6%; Score 34.2; DB 5; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
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Db 1435 AAAGGTGTCGCCCGAACAGTCAGGTCAAGGAGCTAGTGGCAGGCCACAGGCCG 1376

Query Match 9.6%; Score 34.2; DB 5; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
Qy 61 aagggtggccatcgactcgatgtggggctgtggaaacactgtggggccaaaggactgtggggccaaaggactctg 120
Db 1435 AAAGGTGTCGCCCGAACAGTCAGGTCAAGGAGCTAGTGGCAGGCCACAGGCCG 1376

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Best Local Similarity 58.3%; Pred. No. 0.069; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
Qy 61 aagggtggccatcgactcgatgtggggctgtggaaacactgtggggccaaaggactgtggggccaaaggactctg 120
Db 1435 AAAGGTGTCGCCCGAACAGTCAGGTCAAGGAGCTAGTGGCAGGCCACAGGCCG 1376

Query Match 9.6%; Score 34.2; DB 5; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
Qy 61 aagggtggccatcgactcgatgtggggctgtggaaacactgtggggccaaaggactgtggggccaaaggactctg 120
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Query Match 9.6%; Score 34.2; DB 5; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069; Pred. No. 0.069;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
Qy 61 aagggtggccatcgactcgatgtggggctgtggaaacactgtggggccaaaggactgtggggccaaaggactctg 120
Db 1435 AAAGGTGTCGCCCGAACAGTCAGGTCAAGGAGCTAGTGGCAGGCCACAGGCCG 1376

RESULT 9
PCT-US93-08742-18/C
Sequence 18, Application PC/TU9308742
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MORPHOGEN-INDUCED PERIODONTAL TISSUE REGENERATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CREATIVE BIOMOLECULES, INC.
; STREET: 45 SOUTH STREET
; CITY: HOPKINTON
; STATE: MA
; COUNTRY: USA
; ZIP: 01748
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/TU93/08742
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: KELLEY ESO, ROBIN D.
; REGISTRATION NUMBER: 34,637
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/248-7100
; TELEFAX: 617/248-7477
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1873 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOPOLETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE: MURIDAE
; ORGANISM: MURIDAE
; TISSUE TYPE: EMBRYO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 104..1393 /function= "OSTEOGENIC PROTEIN"
; OTHER INFORMATION: /product= "MOP1"
; OTHER INFORMATION: /product= "MOP1"
; OTHER INFORMATION: /note= "MOP1 (CDNA)"
; PCT-US93-08742-18

Query Match 9.6%; Score 34.2; DB 5; Length 1873;
Best Local Similarity 58.3%; Pred. No. 0.069; Pred. No. 0.069;

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RESULT 12
 PCT-US93-10520-5/C
 Sequence 5, Application PC/TUS9310520
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: OP3-INDUCED MORPHOGENESIS
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CREATIVE BIOMOLECULES, INC.
 STREET: 45 SOUTH STREET
 CITY: HOPKINTON
 STATE: MA
 COUNTRY: USA
 ZIP: 01748
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT-US93/10520
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/667,274
 FILING DATE: 11-MAR-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/752,764
 FILING DATE: 30-AUG-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/753,059
 FILING DATE: 30-AUG-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/752,857
 FILING DATE: 30-AUG-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/923,780
 FILING DATE: 31-JUL-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/922,813
 FILING DATE: 31-JUL-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: PITCHER ESO, EDMUND R
 REGISTRATION NUMBER: 27,829
 REFERENCE/DOCKET NUMBER: CRP-076PC
 TELEPHONE: (508)435-9001
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1873 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: MURIDAE
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 104..1393
 OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
 OTHER INFORMATION: /product= "MOP1-PP"
 OTHER INFORMATION: /note= "MOP1 (cDNA)"
 PCT-US93-10520-5
 Query Match 9.68; Score 34.2; DB 5; Length 1873;
 Best Local Similarity 58.3%; Pred. No. 0.069; Indels 0; Gaps 0;
 Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
 Qy 61 aagggtggggatcgactgtggggctcgtaaaacacttggggacataactgg 120

Db 1435 AAAGCTGTCGCCGAAAGGTCAGGTCTCAGGAGGACTGCTAGGCCACAGGCCCG 1376
 ; Sequence 24, Application US/08147023
 ; Patent No. 5468845
 ; GENERAL INFORMATION:
 ; APPLICANT: OPPERMANN, HERMANN
 ; APPLICANT: OZKAYNAK, ENGIN
 ; APPLICANT: KUBERSAMPATH, THANGAVEL
 ; APPLICANT: RUEGER, DAVID C.
 ; APPLICANT: PANG, ROY H.L.
 ; TITLE OF INVENTION: OSTEOGENIC DEVICES
 ; NUMBER OF SEQUENCES: 33
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: TESPA, HURWITZ & THIBEAULT
 ; STREET: 53 STATE STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: U.S.A.
 ; ZIP: 02109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/147,023
 ; FILING DATE: 21-FEB-1992
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 810,560
 ; FILING DATE: 20-DEC-1991
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 827,052
 ; FILING DATE: 28-JAN-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 660,162
 ; FILING DATE: 22-FEB-1991
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 621,988
 ; FILING DATE: 04-DEC-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 660,024
 ; FILING DATE: 04-DEC-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 621,986
 ; FILING DATE: 21-NOV-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 579,865
 ; FILING DATE: 18-OCT-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 599,543
 ; FILING DATE: 18-OCT-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 569,920
 ; FILING DATE: 20-AUG-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 483,913
 ; FILING DATE: 22-FEB-1990
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 422,613
 ; FILING DATE: 17-OCT-1989
 ; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 315,342
 FILING DATE: 23-FEB-1989
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 232,630
 FILING DATE: 15-AUG-1988
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 179,460
 FILING DATE: 08-APR-1988
 ATTORNEY/AGENT INFORMATION:
 NAME: PITCHER, EDMUND R.
 REFERENCE/DOCKET NUMBER: CRP-001CP6
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/248-7100
 FAX: 617/248-7100
 INFORMATION FOR SEQ ID NO: 24:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1873 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 104..1393
 OTHER INFORMATION: /function= "OSTEOGENIC PROTEIN"
 OTHER INFORMATION: /product= "MOP1"
 OTHER INFORMATION: /note= "MOP1 cDNA"
 US-08-147-023-24

Query Match 9..28; Score 32..6; DB 1; Length 1873;
 Best Local Similarity 57..3%; Pred. No. 0..22%;
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Qy 61 aagggtggaggatcgaggatcgatgtgggggtgtggggatgtggggcagaataactgg 120
 Db 1435 AAAGGTGTCGCCCAAGGTCAGGTCAGTGGCAGGCCACAGGCCG 1376

Query Match 9..28; Score 32..6; DB 2; Length 1873;
 Best Local Similarity 57..3%; Pred. No. 0..22%;
 Matches 59; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

Qy 61 aagggtggaggatcgaggatcgatgtgggggtgtggggatgtggggcagaataactgg 120
 Db 1435 AAAGGTGTCGCCCAAGGTCAGGTCAGTGGCAGGCCACAGGCCG 1376

RESULT 15
 US-08-48-528A-5/C
 Sequence 5, Application US/08480528A
 Patent No. 562118

GENERAL INFORMATION:
 APPLICANT: OPPERMANN, HERMANN
 APPLICANT: OZAYNAK, ENGIN
 APPLICANT: KUBERASAMPATH, THANGAVEL
 APPLICANT: RUEGER, DAVID C.
 APPLICANT: PANG, ROY H.L.
 APPLICANT: COHEN, CHARLES M.

TITLE OF INVENTION: OP3-INDUCED MORPHOGENESIS
 NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:
 ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES
 STREET: 45 SOUTH STREET
 CITY: HOPKINTON
 STATE: MA
 ZIP: 01748
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent-In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/480,528A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: FENTON ESG, GILLIAN M.
 REFERENCE/DOCKET NUMBER: 36,508
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7560
 FAX: (617) 248-7100
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:

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; LENGTH: 1873 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: 104..1393
; OTHER INFORMATION: /function="OSTEOGENIC PROTEIN"
; OTHER INFORMATION: /product="mOP1-PP"
; OTHER INFORMATION: /note="mOP1 cDNA"
; OTHER INFORMATION: /US-08-480-528A-5

Query Match 9.2%; Score 32.6; DB 2; Length 1873;
Best Local Similarity 57.3%; Pred. No. 0..22;
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Db 1435 AAAGCTGTGCCCGAAAGGTCTAGGGTCTAGGAGAGGTAGTGGCAACAGGCCCG 1376
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Qy 121 gcccaaccatgactcgatgtcttggggccaaacaggacttgt 163
Db 1375 GACCACTATTTCTGACTCTCAGGATACATTAGAGTGT 1333
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Search completed: June 24, 1999, 00:38:02
Job time: 899 sec

